CHEMISTRY A-LEVEL

For more information please see Mrs Sutliff or Mrs Cooper

For whom is this course suitable?

Students studying Chemistry at advanced level will have achieved at least grade 6/6 in Combined Science. In addition, a grade 5 or higher in maths GCSE is required. Students studying single sciences will have achieved at least a grade 6 in Chemistry, and one other science, as well as a grade 5 in maths.

What will I learn on this course?

The course is divided into topics, each covering different key concepts of chemistry. Teaching of practical skills is integrated with the theoretical topics and they are assessed through written papers and the Practical Endorsement.

Course Overview

Chemistry A is split into six modules. Modules 1 to 6, combined with the Practical Endorsement, constitute the full A Level. The modules can be summarised as:

Module 1: Development of practical skills – this module underpins the whole of the specification, and covers the practical skills that students should develop throughout the course. The practical skills in this module can be assessed within written examinations and the Practical Endorsement.
Module 2: Foundations in chemistry covering concepts required throughout the remaining modules. The foundation work builds upon the GCSE syllabus.
Module 3: Periodic table & energy
Module 4: Core organic chemistry
Module 5: Physical chemistry and transition elements
Module 6: Organic chemistry and analysis

At A Level:

Paper 1 assesses the content from Modules 1, 2, 3 and 5

Paper 2 assesses the content from Modules 1, 2, 4 and 6

Paper 3 assesses the content from Modules 1 to 6.

What could I do at the end of my course?

Follow degree courses including chemistry, medicine, veterinary science, biological sciences, environmental science, pharmacy, chemical engineering, forensic science, biochemistry, geology, law, accounting, business, management, sport science, brewery, architecture, conservation management, archaeology, food science and physiotherapy.

If you choose not to follow a degree route you could use your A level in, for example; quality control, textiles, food production, management, accountancy, medical services, building, police, armed forces, engineering and logistics.